

Message Text

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PAGE 01 STATE 163270

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TO USMISSION NATO

INFO ALL NATO CAPITALS

AMEMBASSY WELLINGTON

AMEMBASSY MANILA

AMEMBASSY MEXICO

AMEMBASSY TOKYO

AMEMBASSY ATHENS BY POUCH

AMEMBASSY ANKARA BY POUCH

XMT AMEMBASSY ATHENS

AMEMBASSY ANKARA

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SUBJECT:CCMS: PILOT STUDY PROGRESS REPORT -- GEOTHERMAL
ENERGY

REF: USNATO 3584

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PAGE 02 STATE 163270

1. THE FOLLOWING IS THE PROGRESS REPORT ON THE US -LED

GOTHERMAL ENERGY PILOT STUDY. PLEASE PASS TO DR SPEILMAN,
NATO SECRETARIAT.

2. BEGIN TEXT:

PILOT COUNTRY:UNITED STATES

CO-PILOTS: ITALY, TURKEY

A. AN ORAL AND WRITTEN REPORT WAS SUBMITTED TO THE CCMS
TURIN PLENARY SESSION ON MAY 8, 1974 WHICH INCLUDED THE
RESULTS OF THE FIRST GEOTHERMAL IMPLEMENTATION CONFERENCE
IN NEW ZEALAND APRIL 29-MAY3,1974. THIS REPORT SUMMARIZES
THE PROGRESS ON PROGRAMS DESCRIBED AT TURIN AND THE STATUS OF
OTHER PILOT ACTIVITIES.

B. INTERNATIONAL GEOTHERMAL INFORMATION EXCHANGE WAS A
CENTRAL ISSUE OF THE NEW ZEALAND CONFERENCE, AND A ONE-YEAR
CAPABILITY STUDY WAS RECOMMENDED. THE FIRST ORGANIZING
MEETING WAS HELD IN PALO ALTO, CALIFORNIA, ON JULY 9, 1974,
WITH MEXICAN AND US REPRESENTATIVES PRESENT. IT WAS
DECIDED TO PROCEED WITH THE DISTRIBUTION OF FORMAL SHEETS TO
THE ORGANIZING COMMITTEE FOR THE COLLECTION AND STORAGE
OF GEOTHERMAL FIELD AND WELL DATA AND TO BEGIN THE ASSEMBLY
OF BIBLIOGRAPHIC INFORMATION BY U.S. PARTICIPANTS. LEFT
UNRESOLVED WAS THE SELECTION OF AN ENGINEERING SUBJECT FOR
DATA COLLECTION.

C. NEW ZEALAND MEETING WAS PART OF A NON-ELECTRICAL USES
STUDY TOUR WHICH INCLUDED JAPAN. THE TOUR WAS CONTINUED
THROUGH ITALY, FRANCE, AND ICELAND FROM JUNE 17 THROUGH
JUNE 27 WITH A GENERAL MEETING OF THE TOUR PARTICIPANTS ON
THE STATUS OF THE STATE-OF-THE ART DOCUMENT HELD IN
ICELAND AT THE END OF THE TOUR. REPRESENTATIVES OF FIVE
NATIONS PARTICIPATED: ICELAND, THE PHILLIPINES, TURKEY,
AND THE U.S. THE FORMAT AND CONTENT OF THE REPORT WAS
DISCUSSED AND DETAILED PLANS FOR PUBLICATION WERE AGREED TO.
THE REPORT IS STILL EXPECTED TO BE COMPLETED BEFORE THE
END OF 1974.

D. MULTIPURPOSE UTILIZATION, PROCESSING, AND DISPOSAL OF
GEOTHERMAL BRINES WAS SELECTED FOR IMMEDIATE IMPLEMENTATION
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PAGE 03 STATE 163270

IN NEW ZEALAND. THE U.S. AND NEW ZEALAND HAVE SINCE AGREED
THAT A U.S. TEAM WILL SPEND TWO WEEKS IN NEW ZEALAND IN
LATE OCTOBER TO PLAN A COMBINED BRINE REINJECTION EXPERIMENT
IN THE U.S. AND NEW ZEALAND.

E. DRY HOT ROCK EXPLOITATION IS THE SUBJECT OF AN INTER
NATIONAL MEETING PLANNED FOR SEPTEMBER 17-19, 1974 IN
LAS ALAMOS, NEW MEXICO. THE AGENDA HAS BEEN PREPARED AND

INVITATIONS ISSUED. THE MEETING WILL BE USED TO DISCUSS THE STATUS OF INTERNATIONAL RESEARCH EFFORTS AND TO PLAN FUTURE COOPERATIVE PROGRAMS.

F. A PLANNING DOCUMENT HAS BEEN PREPARED FOR THE SMALL GEOTHERMAL POWER PLANT PROJECT. INITIALLY ALL CCMS COORDINATORS WILL BE CONTACTED FOR INFORMATION ON THEIR COUNTRY'S NEEDS AND INTERESTS IN SMALL POWER PLANTS AS WELL AS PAST OPERATING EXPERIENCE. UNDER ACTIVE CONSIDERATION IS A MEETING OF INTERESTED PARTICIPANTS IN EUROPE IN MARCH 1975. THE INITIAL PROGRAM WILL LEAD TO A DESIGN REPORT; LATER, ACTIVITY MAY INCLUDE A TEST INSTALLATION.

G. THE NEW LEADER OF THE ADVANCED GEOTHERMAL TECHNOLOGY PROJECT, DR PAUL KRUGER, WAS APPOINTED BY THE NATIONAL SCIENCE FOUNDATION. PLANNING HAS BEGUN FOR COOPERATION IN THIS AREA BASED ON SUGGESTIONS FROM THE NEW ZEALAND MEETING ON BINARY CYCLES, CORROSION AND PRECIPITATION, AND RESERVOIR ENGINEERING. END TEXT
INGERSOLL

NOTE BY OC/T: POUCHED ATHENS AND ANKARA.

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